

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference P047912WO	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/GB2008/002475	International filing date (day/month/year) 18/07/2008	(Earliest) Priority Date (day/month/year) 29/08/2007
Applicant CILAG GMBH INTERNATIONAL		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 7 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the **language**, the international search was carried out on the basis of:

- ☒ the international application in the language in which it was filed
☐ a translation of the international application into _____, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b))

b. ☐ This international search report has been established taking into account the **rectification of an obvious mistake** authorized by or notified to this Authority under Rule 91 (Rule 43.6bis(a)).

c. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☒ **Certain claims were found unsearchable** (See Box No. II)

3. ☐ **Unity of invention is lacking** (see Box No. III)

4. With regard to the **title**,

- ☐ the text is approved as submitted by the applicant
☒ the text has been established by this Authority to read as follows:

INJECTION SYSTEM WITH BASE STATION

5. With regard to the **abstract**,

- ☐ the text is approved as submitted by the applicant
☒ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority

6. With regard to the **drawings**,

- a. the figure of the **drawings** to be published with the abstract is Figure No. 3b
☒ as suggested by the applicant
☐ as selected by this Authority, because the applicant failed to suggest a figure
☐ as selected by this Authority, because this figure better characterizes the invention
b. ☐ none of the figures is to be published with the abstract

INTERNATIONAL SEARCH REPORT

International application No.

PCT/GB2008/002475

Box No. IV **Text of the abstract (Continuation of item 5 of the first sheet)**

An injection system is provided which comprises an injection device (210) and a base station (240) which connects to the injection device. The base station resets the actuator mechanism in the injection device from its actuated state to its unactuated state so that further actuation of the actuator mechanism can take place.

INTERNATIONAL SEARCH REPORT

International application No

PCT/GB2008/002475

A. CLASSIFICATION OF SUBJECT MATTER

INV. A61M5/20

ADD. A61M5/32

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

A61M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
✓ X	FR 2 654 938 A (GLAXO GROUP LTD [GB]) 31 May 1991 (1991-05-31) page 15, line 20 - page 16, line 8; figures 1-24	1,8-12, 16-24
✓ X	US 2006/069350 A1 (BUENGER DAVID R [US] ET AL) 30 March 2006 (2006-03-30) paragraph [0034]; figures 1-9	1,8-12, 16-24 13-15
✓ X	US 2002/151839 A1 (LANDAU SERGIO [US]) 17 October 2002 (2002-10-17) paragraphs [0045] - [0051], [0053], [0054]; figures 1-8	24 13-15
✓ X	US 2005/261633 A1 (KHALAJ BEN M [US]) 24 November 2005 (2005-11-24) paragraphs [0026], [0031], [0032]; figures 1-12	1-7,23, 24
	----- -/--	

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

30 September 2008

Date of mailing of the international search report

01/12/2008

Name and mailing address of the ISA/

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040.
Fax: (+31-70) 340-3016

Authorized officer

Björklund, Andreas

INTERNATIONAL SEARCH REPORT

International application No
PCT/GB2008/002475

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
✓ X	EP 1 518 575 A (MATSUSHITA ELECTRIC IND CO LTD [JP]) 30 March 2005 (2005-03-30) paragraphs [0026] - [0036]; figures 1-6 -----	1-7, 23
✓ X	US 2006/258986 A1 (HUNTER IAN W [US] ET AL) 16 November 2006 (2006-11-16) paragraph [0063] -----	24
A		4
✓ X	US 5 807 334 A (HODOSH MILTON [US] ET AL) 15 September 1998 (1998-09-15) column 7, lines 23-38; figures 1-8 -----	24
A		1-7
✓ A	WO 2007/036676 A (CILAG GMBH INTERNAT [CH]; HABESHAW ROSIE LOUISE [GB]; JOHNSTON DAVID M) 5 April 2007 (2007-04-05) page 5, line 13 - page 13, line 2; figures 1-8 -----	1-24

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box II.2

Claims Nos.: 25-27

Claims 25-27 refer to the drawings which is not allowable under Rule 6.2(a) PCT. Since the subject-matter which is claimed is completely unclear (Article 6 PCT), the claims have not been searched.

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.2), should the problems which led to the Article 17(2)PCT declaration be overcome.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/GB2008/002475

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☒ Claims Nos.: 25-27
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
see FURTHER INFORMATION sheet PCT/ISA/210
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers allsearchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fees, this Authority did not invite payment of additional fees.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search reportcovers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- ☐ The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/GB2008/002475

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
FR 2654938	A	31-05-1991	AR 246185 A1 29-07-1994
			AT 400925 B 25-04-1996
			AU 639955 B2 12-08-1993
			AU 6691290 A 06-06-1991
			BE 1003835 A5 23-06-1992
			BR 9006006 A 24-09-1991
			CA 2030742 A1 29-05-1991
			CH 687234 A5 31-10-1996
			CZ 9702029 A3 11-08-1999
			DE 4037418 A1 29-05-1991
			DK 281990 A 29-05-1991
			ES 2038088 A6 01-07-1993
			FI 905832 A 29-05-1991
			GB 2239180 A 26-06-1991
			GR 90100824 A 17-04-1992
			HK 19295 A 17-02-1995
			HU 61207 A2 28-12-1992
			IE 904240 A1 05-06-1991
			IL 96487 A 26-05-1995
			IN 179332 A1 27-09-1997
			IT 1243541 B 16-06-1994
			JP 3222962 A 01-10-1991
			JP 3399524 B2 21-04-2003
			LU 87851 A1 25-08-1992
			NL 9002598 A 17-06-1991
			NO 905125 A 29-05-1991
			NZ 236219 A 23-12-1992
			PL 287996 A1 12-08-1991
			PT 96005 A 31-08-1992
			SE 469262 B 14-06-1993
			SE 9003776 A 29-05-1991
			RU 2108116 C1 10-04-1998
			US 5137516 A 11-08-1992
			ZA 9009514 A 27-11-1991
US 2006069350	A1	30-03-2006	NONE
US 2002151839	A1	17-10-2002	NONE
US 2005261633	A1	24-11-2005	NONE
EP 1518575	A	30-03-2005	CN 1665557 A 07-09-2005
			WO 2004004809 A1 15-01-2004
			US 2005209569 A1 22-09-2005
US 2006258986	A1	16-11-2006	CA 2597666 A1 17-08-2006
			EP 1855739 A2 21-11-2007
			JP 2008529677 T 07-08-2008
			WO 2006086774 A2 17-08-2006
US 5807334	A	15-09-1998	US 6159161 A 12-12-2000
WO 2007036676	A	05-04-2007	AU 2005336826 A1 05-04-2007
			CA 2623962 A1 05-04-2007
			EP 1928523 A1 11-06-2008